MAINTENANCE ACTIVITY REPORT

Site Name/Facility: Chollas Creek Channel (Webster Ave. to Logan Ave.)

PEIR Map No: Maps 91 & 93

Dates: **Start:** Jan. 4, 2011 **Completion:** Apr. 25, 2011 **Report:** May 30, 2011

Preparer Name: Patty ten Boom Byrnes, Biologist, City of San Diego

Instructions: This form must be completed following any work done at a storm water facility. Attach additional sheets if needed.

Description of Work (e.g., routine, re-occurring; also note general frequency maintenance at this site):

Emergency maintenance to remove accumulated trash/debris, vegetation, and sediment within concrete-lined drainage channel which runs between Interstate-15 and S. 33rd Street to restore the original design capacity and reduce flooding of the surrounding areas. This channel was last maintained during the winter of 2000-2001.

Street Name: Webster Ave. to Logan Ave. **Latitude:** 32°42'06.97" N **Longitude:** 117°07'16.69" W	**Work Orientation from Street (N, S, E, W):** Residential (N & W), Industrial (S), Interstate-15 (E) **Location Between:** Imperial Ave. (N), National Ave. (S), S 33rd St. (W), Interstate-15 (E)
Maintenance Facility Type: ☐ Stream ☐ Roadside Ditch ☐ Spillway ☐ Culvert ☐ Detention Basin X Other: Concrete drainage channel	**Additional Description:** Concrete-lined trapezoidal channel with the lower portion subject to tidal exchange. Conveys runoff from I-15 and surrounding residential and industrial areas.
Work within drainage/creek: Length: approx. 2,680 ft. (How many linear feet were cleared)	**Name of drainage/creek:** The Chollas Creek channel intersects with South Las Chollas Creek and drains into the San Diego Bay on US Naval Base property. **Width (FT):** approx. 20 ft. **Area (SQ FT)**: approx. 53,600 square feet **Depth (FT):** approx. avg. 4 ft. to channel bottom
Is the creek lined: Yes X No ☐ **Notes:** Concrete-lined	**Lining Type:** X Concrete lined both sides, bottom ☐ Earthen, both sides, bottom ☐ Riprap sides, earth bottom ☐ Concrete sides, earth bottom ☐ Other type: _____
Silt/Sand Removal: Length: 2,680 ft. (How many linear feet were cleared of silt/sand)	**Describe cause of silt/sand:** Upstream from I-15 and surrounding residential and industrial areas.
Debris Removal: Length: 2,680 ft. (How many linear feet were cleared of debris)	**Describe debris and cause:** 70% silt; 5% trash; 25% vegetation
Were any toxic materials found: Yes ☐ No X **List toxics:** N/A **Hazardous Material Manifest:** N/A	**Were more than 9 tires recovered?** Yes ☐ No **X** **CTL Number:** N/A
Access via previously disturbed area: Yes X No ☐	**Access route:** Existing paved access ramp at Durant St and vacant lot on S. Gregory St. **Maintenance Equipment Used:** Dozer, Excavator, Front Loader, Gradall, Dump Trucks, Portable Pumps and Backhoe

Vegetation Removal: Length: approx. 2,680 ft. (How many linear feet were cleared of vegetation)	**Types of Vegetation Removed:** A number of trees were present within or near the creek including pepper tree, willow and pine. Understory plants included a variety of native and non-native plants including mule fat, castor bean, and juncus.
Ground Disturbing Activities: Length: 2,680 ft. (How many linear feet were disturbed by activity)	**Upland Vegetation Removed - Types & Area:** None
Were erosion controls necessary? Yes **X** No ☐	**Describe interim erosion control measures:** Temporary dam installed upstream and silt fence placed at the downstream end of the project site to isolate maintenance area. Portable pumps were used to pump water from the maintenance area.
Did work occur within nesting breeding season (January 15 – August 31)?: Yes X No ☐ A nesting bird survey was conducted on March 14, 2011 in Chollas Creek, between National Avenue and Valle Boulevard. No raptor nest was observed. One small passerine nest was observed in a pine tree on the east side of the creek. At the time of the survey, no activity was noted in or near this nest. Birds observed on site included house finch, black phoebe, common yellowthroat, song sparrow, rock pigeon, and Anna's hummingbird. A large feral cat was observed within the creek bed and is seen regularly by City crews. No listed species or raptor was observed.	**Biologist/Monitor/Archaeologist present:** Yes **X** No ☐ **Names:** Kimberly Davis, HELIX Environmental Planning Biologist
Was any water quality sampling required?: Yes ☐ No **X**	
Additional Maintenance Description:	
Describe surrounding land use within work area (assume 500-foot buffer area): The surrounding land uses include industrial businesses to the south, residential to the north and west, and Interstate-15 to the east.	
Identify temporary/permanent impacts to habitat by area (acres/square footage) as determined by Biologist: Sediment, trash, debris and some vegetation was removed from 2,680 linear feet (53,600 sq. ft.) of cement-lined channel.	
Additional Comments (Describe any unusual conditions, situations or special requirements needed to do the work such as diversion of water, construction of staging area, replacement of bank material, presence of utilities, etc.): High water levels in the channel, as a result of rain events and water line breaks upstream, delayed maintenance. **The channel was maintained between January 4 and April 25, 2011 and 17,662 tons of sediment, trash, and vegetation were removed from the system thereby preventing significant amounts of downstream pollution.**	